

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
4 November 2004 (04.11.2004)

PCT

(10) International Publication Number
WO 2004/093668 A1

(51) International Patent Classification⁷: A61B 3/113, 3/024 (74) Agent: MURGITROYD & COMPANY; Scotland House, 165-169 Scotland House, Glasgow G5 8PL (GB).

(21) International Application Number:
PCT/GB2004/001700

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 21 April 2004 (21.04.2004)

(25) Filing Language: English

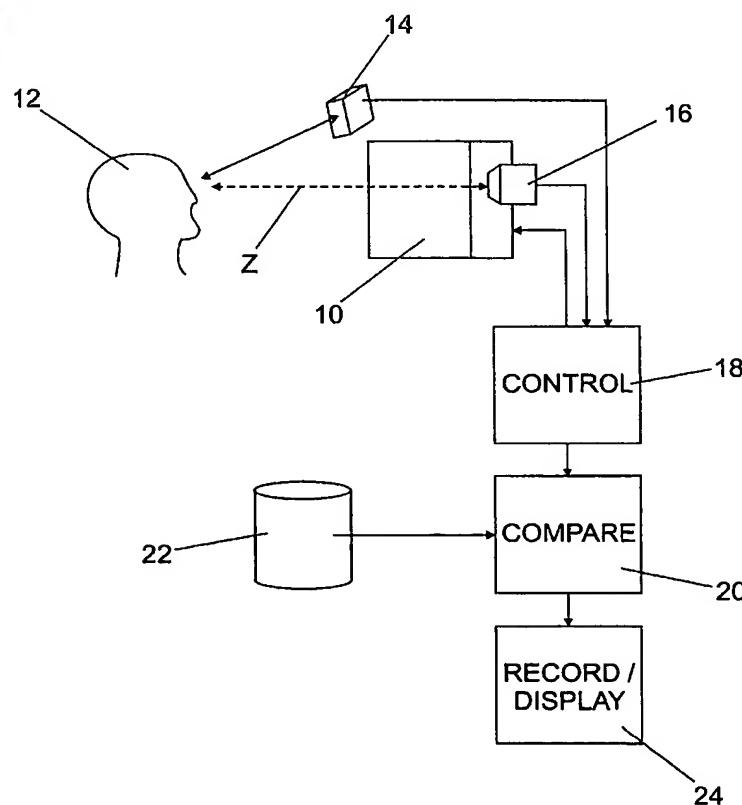
(26) Publication Language: English

(30) Priority Data:
0309025.5 22 April 2003 (22.04.2003) GB

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK,

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR THE DIAGNOSIS OF GLAUCOMA AND OTHER VISUAL DISORDERS



(57) Abstract: A subject (12) observes an image on a display (10). A control (18) produces a fixation image at a selected position in the display, followed by a stimulus spaced from the fixation image. An eye position sensor (14) detects a saccade movement towards the stimulus. The stimulus is then replaced with a fixation image and the cycle repeated. The time taken to saccade plus the intensity of the stimulus are used to produce a retinal map of field of vision, or to assess other characteristics of the subject.



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

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Published:

— *with international search report*

INTERNATIONAL SEARCH REPORT

| | |
|-----|-----------------------|
| Int | Serial Application No |
| PCT | EP2004/001700 |

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 A61B3/113 A61B3/024

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
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| X | US 6 367 932 B1 (DONALDSON WILLIAM BLAIR MACGRE) 9 April 2002 (2002-04-09) column 1, line 32 - last line | 1-3, 14, 15, 22-43 |
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search

16 July 2004

Date of mailing of the International search report

23/07/2004

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/001700

| Patent document cited in search report | | Publication date | | Patent family member(s) | | Publication date |
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